

Abstract

The present invention relates to a process for the preparation and identification of hydrolase mutants having improved properties with respect to stereo- or regioselectivity, catalytic activity or stability in chemical reactions.

1. A process for the preparation and identification of hydrolase mutants having improved properties with respect to stereo- or regioselectivity, catalytic activity or stability in chemical reactions, comprising the steps of: (a) preparing a library of hydrolase mutants; (b) screening the library for mutants having improved properties with respect to stereo- or regioselectivity, catalytic activity or stability in chemical reactions; and (c) identifying the mutants having improved properties with respect to stereo- or regioselectivity, catalytic activity or stability in chemical reactions.